

II. Listing of Claims

Please amend the claims as follows:

CLAIMS:

1. (Currently Amended) A device for ~~the deformation of workpieces, in particular for the plastic shaping of pipe ends (12),~~ comprising a shaping unit (U) actuated by ~~the~~ a first fluid pressure (p2, p3) ~~of a fluid and with,~~ a prestressing unit (V) arranged on a common longitudinal axis (X-X) with the shaping unit and actuated by ~~the~~ a second fluid pressure (p1) ~~of a fluid and also with,~~ a clamping elements ~~(11)~~ element of conical design which can be clamped by ~~means of the~~ prestressing unit (V), ~~in each case~~ at least one a first and a second separate pressure space (D1, D2) space being designed provided in the shaping unit (U) and in the prestressing unit (V) respectively, which ~~space~~ the first and the second pressure spaces can be pressurized independently of ~~the pressure space (D2, D1) of the other unit (V, U) in each case, characterized in that~~ each other, and wherein the shaping unit (U) and the prestressing unit (V) are designed as constructional independent units which are mechanically interconnected but the first and second pressure spaces being completely closed-off separate in relation to one another.

2. (Currently Amended) The device as claimed in claim 1, ~~characterized in that~~ wherein the shaping unit (U) and the prestressing unit (V) are closed off in relation to one another by at least one wall (1a, 3a) running transversely to the longitudinal axis (X-X).

3. (Currently Amended) The device as claimed in claim 1 ~~or 2~~, characterized in that wherein the first and the second pressure spaces (D1, D2) of the ~~shaping unit (U) and the prestressing unit (V)~~ have a full-area, preferably circular shape in the cross section running transversely to the longitudinal axis (X-X).

4. (Currently Amended) The device as claimed in ~~one of claims 1 to 3~~, characterized in that claim 1 wherein the shaping unit (U) is formed by an ~~in particular double-acting~~ a first cylinder (1) and by a first piston (2) movable axially therein, the first piston being acted upon by the first fluid pressure.

5. (Currently Amended) The device as claimed in ~~one of claims 1 to 4~~, characterized in that claim 1 wherein the prestressing unit (V) is formed by an ~~in particular single-acting~~ a second cylinder (3) and by a second piston (4) movable axially therein being actuated upon by the second fluid pressure.

6. (Currently Amended) The device as claimed in claim 4 ~~and 5~~, characterized in that wherein the first cylinder (1) of the shaping unit (U) is connected rigidly to form a first main assembly ~~on the one hand to~~ including one of the second cylinder (3) or the second piston (4) of the prestressing unit (V), and ~~on the other hand to~~ a yoke plate (5) arranged transversely to the longitudinal axis (X-X).

7. (Currently Amended) The device as claimed in claim 6, characterized in that wherein an opening (5a) for interaction with the clamping elements (11), which is arranged coaxially with the longitudinal axis ~~cylinder (1) of the shaping unit~~

(U) and tapers conically away from the shaping unit (U) is located in the yoke plate (5).

8. (Currently Amended) The device as claimed in claim 6 ~~or 7~~, characterized in that wherein the rigid connection between the first cylinder (4) of the shaping unit (U) and the yoke plate (5) is formed by one or more first tie rods (6a), ~~connecting plates or a tubular housing.~~

9. (Currently Amended) The device as claimed in claim 5 ~~4 and 5 or one of claims 6 to 8~~, characterized in that wherein one of the second piston (4) of the prestressing unit (V), ~~via an adapter part (7) such as an adapter plate, or the second cylinder (3) of the prestressing unit (V) is connected rigidly to an adapter plate to~~ form a second main assembly ~~to~~ with a driver plate (8), arranged transversely to the longitudinal axis (X-X), ~~for the piston (2) of the shaping unit (U) and to a receiving plate (9), arranged transversely to the longitudinal axis (X-X), for the clamping elements (11).~~

10. (Currently Amended) The device as claimed in claim 9, characterized in that wherein the rigid connection between the second cylinder (3) or the second piston (4) of the prestressing unit (V) and the driver plate (8) and ~~also the receiving plate (9) is formed by one or more second tie rods (6b), connecting plates or a tubular housing.~~

11. (Currently Amended) The device as claimed in ~~claims 4, 6 and 9~~, characterized in that in claim 6 wherein the first piston (2) of the shaping unit (U), the

first main assembly including one of a second piston of the prestressing unit or a second cylinder of the prestressing unit and connected to an adapter plate, and the a second main assembly are displaceable relative to one another parallel to the longitudinal axis (X-X).

12. (Currently Amended) The device as claimed in claim 11, ~~characterized in that~~ wherein the first main assembly or the second main assembly is arranged in a stationary manner, ~~for example~~ connected in a fixed manner to a frame.

13. (Currently Amended) The device as claimed in ~~one of claims 1 to 12~~, ~~characterized in that~~ claim 4 wherein the shaping unit (U), in particular a free end of a piston rod (2a) of the first piston (2), has first attachment means (2b) for detachable attachment of an upsetting head (10).

14. (Currently Amended) The device as claimed in ~~one of claims 9 to 13~~, ~~characterized in that~~ claim 9 wherein the receiving plate (9) for the clamping elements (11) has second attachment means (9a) for detachable attachment of the clamping elements (11).

15. (Currently Amended) The device as claimed in ~~one of claims 1 to 14~~, ~~characterized by~~ claim 1 wherein an upsetting head (10), on which on one side a recess (10a) is designed as the countercontour for a pipe contour to be formed and on the opposite side a connection means (10b), such as a T-groove, for the shaping unit (U) is ~~designed~~ provided.

16. (Currently Amended) The device as claimed in ~~one of claims 1 to 15,~~ characterized in that claim 1 wherein the clamping elements (11) are formed by clamping jaws (11a) which consist of ~~several, preferably four,~~ a plurality of segments arranged in a ring-shaped manner and each having an outer surface of conical design shape, which are guided by means of ~~cylindrical~~ one or more pins (11b) and held in an open position in ~~the~~ an unloaded state by means of one or more compression springs (11c).

17. (Currently Amended) The device as claimed in ~~one of claims 1 to 16,~~ characterized that, in claim 4 wherein in the operating state, ~~the pressure space (D1) of the shaping unit (U) is pressurized with a fluid under high pressure (p2) and the pressure space (D2) of the prestressing unit (V) is pressurized with a fluid under low pressure (p1)~~ the first fluid pressure is greater than the second fluid pressure.

18. (New) The device as claimed in claim 1 wherein the first cylinder is a double acting cylinder acted upon on the opposite sides thereof by the first fluid pressure in the first pressure space and by a third fluid pressure acting in a third pressure space.